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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/784,287	02/24/2004	Kimito Horie	2004-0214A	5040
513	7590	11/02/2004	EXAMINER	
WENDEROTH, LIND & PONACK, L.L.P.			NGUYEN, LINH V	
2033 K STREET N. W.			ART UNIT	
SUITE 800			PAPER NUMBER	
WASHINGTON, DC 20006-1021			2819	

DATE MAILED: 11/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/784,287

Applicant(s)

HORIE, KIMITO

Examiner

Linh V. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-3 and 14 is/are allowed.
- 6) ☒ Claim(s) 13 is/are rejected.
- 7) ☒ Claim(s) 4-12 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2/24/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. This office action is in response to application 10/784,287 filed on 02/24/04.

Claims 1 – 14 are pending on this application.

#### ***Priority***

2. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application JP 2003-045601, filed on 02/24/03.

#### ***Information Disclosure Statement***

3. The information disclosure statement filed (IDS) submitted on 02/24/04 has been considered.

#### ***Specification***

4. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

#### ***Claim Objections***

5. Claims 5 – 12 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim 3. See MPEP § 608.01(n). Accordingly, the claims 5 – 12 not been further treated on the merits.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claim 13 is rejected under 35 U.S.C. 102(b) as being anticipated by Clark et al. U.S. Patent No. 5,778,225.

Fig. 8 of Clark disclosing a data decoder (Col. 1 lines 59 – 60) wherein when data (Col. 10 lines 43 – 46 disclosing Fig. 9[450] is the N fields data of Fig. 8 [402]) including raw data (Fig. 9 [454], Col. 10 line 55), a pointer (Fig. 9 [458], Col. 11 line 67), and a command (Fig. 9 [J = 0], Col. 10 lines 43 – 47) is inputted (Fig. 8 [402, 404]) said command is executed (Fig. 8 [406]), said data is returned to the raw data or the pointer (See Col. 10, lines 50 – 54 for raw data; See Col. 11, lines 37 – 47 for pointer), and said raw data or said pointer is returned to a target data string ( See Col. 10 lines 54 – 56 for disclosing raw data 454 returning to decompress target data 456; See Col. 11 line 1 – Col. 12 line 4 for disclosing pointer 458 returning to decompress target data 460).

***Allowable Subject Matter***

8. Claims 1 – 3 and 14 are allowed.

With respect to claim 1, the prior art does not teach a data compressing apparatus for outputting raw data, a pointer, and a command from a data string,

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comprising substituting means which outputs the command in place of said raw data or said pointer when a data string as a target of said command coincides with a data string as a target of said raw data and a data string indicated by said pointer or a combination of them.

With respect to claim 14, the prior art does not teach a data decoding apparatus, wherein when data which has been compressed every predetermined data unit is given in a manner such that when a data string which is data including raw data, a pointer, and a command and is designated by a specific pointer coincides with data strings designated by a plurality of other pointers, said specific pointer is replaced with a definition command and said plurality of other pointers are replaced with a code substitution command corresponding to said definition command, said code substitution command is returned to the definition command, the definition command is returned to the raw data or the pointer, and said raw data or said pointer is returned to the data string as a target every said predetermined data unit.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Cited References***

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited reference is relating to data compressing and

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decompressing.

***Contact Information***

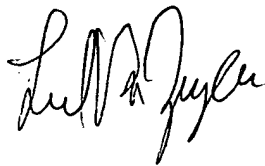
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh Van Nguyen whose telephone number is (571) 272-1810. The examiner can normally be reached from 8:30 – 5:00 Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Michael Tokar can be reached at (571) 272-1812. The fax phone numbers for the organization where this application or proceeding is assigned are (703-872-9306) for regular communications and (703-872-9306) for After Final communications.

10/24/2004

Linh Van Nguyen

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A handwritten signature in black ink, appearing to read 'Linh Van Nguyen', is positioned to the right of the typed name.